

Project Profile

Ronald Reagan Washington National Airport
Arlington, VA



System Features

First opened in 1941, Reagan National Airport (DCA) now serves more than 23 million passengers per year. The airport commissioned a \$650 million modernization, adding a 14-gate concourse, expanding security screening areas, and enhancing shopping and dining options for ticketed passengers. The expansion includes a new airport-wide, audio-over-IP, public address system.

- Expanded terminal required more than 400 loudspeakers for sufficient audio coverage - 18 sensors monitor ambient noise levels and dynamically adjust speaker volumes to ensure audibility
- Concourse includes paging stations for real-time flight and safety announcements
- Automated messaging allows the airport to program and schedule FAA and local announcements 24-hours a day.

Participants

Owner

Metropolitan Washington Airports Authority

Architects

AIR Alliance

General Contractor

Turner Construction

Consultant

Avant Acoustics

AV Contractor

Ford Audio-Video Systems

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